

Appl. No. 10/685,760
Response to Office Action mailed Jan. 11, 2005

Atty Dkt. No. 114208-017

LISTING OF CLAIMS

This listing of claims replaces all prior versions and listings of claims in the patent application.

Claim 1 (currently amended): A slider for slide fastener provided with an automatic stopper device, the slider comprising a body, a pull tag, a pawl member, a leaf spring and a cover, wherein while

mounting posts being are provided on front and rear portions of an upper blade of the body, body and

first holding portions for holding the leaf spring is are provided on the top faces of the mounting posts,

wherein second holding portions for holding the leaf spring are provided on front and rear portions of an inner face of the cover,

front and rear end portions of the leaf spring is provided are held between each of the first and second the respective holding portions and such that the leaf spring can play freely so that the spring bridges therebetween.

a pivoting shaft of the pull tag and a pawl member are interposed between the leaf spring and the upper blade, blade and

the cover is fixed on the mounting posts, posts

the leaf spring has a concave portion for accommodating one of the first holding portions and one of the second holding portions at least at an end of a rectangular plate, and

the first holding portion is formed of a protrusion protruded from a top face of each of the mounting posts so that the protrusion engages the concave portion in the leaf spring with play and the second holding portion is formed of a protrusion protruded from an inner face of a top wall of the cover so that the protrusion engages the concave portion in the leaf spring with play.

Claim 2 (cancelled).

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Claim 3 (currently amended): ~~The~~ A slider for slide fastener provided with an automatic stopper device, the slider comprising a body, a pull tag, a pawl member, a leaf spring and a cover, wherein according to claim 1,

mounting posts are provided on front and rear portions of an upper blade of the body.

first holding portions for holding the leaf spring are provided on the top faces of the mounting posts,

second holding portions for holding the leaf spring are provided on front and rear portions of an inner face of the cover,

front and rear end portions of the leaf spring are held between each of the first and second holding portions so that the spring bridges therebetween,

a pivoting shaft of the pull tag and a pawl member are interposed between the leaf spring and the upper blade,

the cover is fixed on the mounting posts, wherein

the leaf spring has a convex portion for being accommodated in one of the first holding portions and one of the second holding portions at least at an end of a rectangular plate

the first holding portion is comprised of two opposing protrusions protruded from a top face of each of the mounting posts so that the two protrusions are engaged with the convex portion in the leaf spring with play and the second holding portion is comprised of two opposing protrusions protruded from an inner face of a top wall of the cover so that the two protrusions are engaged with the convex portion in the leaf spring with play.

Claims 4-5 (cancelled).

Claim 6 (currently amended): The slider for slide fastener provided with an automatic stopper device according to claim 1, wherein the first holding portions provided on front and rear mounting posts on the ~~body 1~~ body and the second holding portions provided on front and rear portions on an inner face of a top wall of the cover are disposed such that ~~they~~ the first holding portions and the second holding portions are shifted from each other in a longitudinal direction when the body and the cover are assembled.

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Claim 7 (original): The slider for slide fastener provided with an automatic stopper device according to claim 1, wherein the body and the cover are so configured that space portions are formed on respective opposing faces of each of the first holding portions disposed in the body and each of the second holding portions disposed in the cover.

Claim 8 (currently amended): The slider for slide fastener provided with an automatic stopper device according to claim 7, wherein one of the space portions is provided in ~~a mounting post~~ one of the mounting posts of the body so as to form a first accommodating portion for accommodating the second holding portion while another one of the space portions is provided in an inner face of the cover so as to form a second accommodating portion for accommodating the first holding portion.

Claim 9 (currently amended): The slider for slide fastener provided with an automatic stopper device according to ~~claim 4~~ claim 7, wherein the first holding portion or the second holding portion is so configured that a V-shaped groove is provided longitudinally in the center of each of the protrusions so as to be bent to the right and left sides and the concave portion are engaged with each protrusion with ~~an allowance~~ play.

Claim 10 (currently amended): The slider for slide fastener provided with an automatic stopper device according to ~~claim 4~~ claim 1, wherein the first holding portion or the second holding portion is so configured that an expanded head is provided at a top end of each of the protrusions so that the concave portion in the leaf spring is engaged with each protrusion with ~~allowance~~ play.

Claim 11 (currently amended): The slider for slide fastener provided with an automatic stopper device according to ~~claim 5~~ claim 3, wherein the first holding portion or the second holding portion has two protrusions which are provided such that they oppose each other and bendable inward with a convex portion of the leaf spring maintained between the protrusions with ~~an allowance~~ play.

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Claim 12 (currently amended): The slider for slide fastener provided with an automatic stopper device according to claim 1, wherein a first accommodating portion is provided on an outer side of each one of the first holding portions provided in each one of the mounting posts on a front portion of the body, a recess for accommodating an end of the pawl member is provided on an inner side of the one mounting post, the first accommodating portion is provided on an outer side of the other one of the first holding portions provided in the other ~~mounting post~~ one of the mounting posts on a rear portion of the body, a pawl hole for insertion of a locking pawl is provided on an inner side of the other mounting post, the second holding portions are provided at front and rear ends of an inner face of a top wall of the cover, a second accommodating portion is provided in a proximal portion of each of the second holding portions, the leaf spring is provided between the first and second holding portions and ~~and~~ the cover is formed so as to be fixed to the mounting posts.

Claim 13 (new): The slider for slide fastener provided with an automatic stopper device according to claim 3, wherein the body and the cover are so configured that space portions are formed on respective opposing faces of each of the first holding portions disposed in the body and each of the second holding portions disposed in the cover.

Claim 14 (new): The slider for slide fastener provided with an automatic stopper device according to claim 13, wherein one of the space portions is provided in one of the mounting posts of the body so as to form a first accommodating portion for accommodating the second holding portion while another one of the space portions is provided in an inner face of the cover so as to form a second accommodating portion for accommodating the first holding portion.

Claim 15 (new): The slider for slide fastener provided with an automatic stopper device according to claim 13, wherein the first holding portion or the second holding portion is so configured that a V-shaped groove is provided longitudinally in the center of each of the protrusions so as to be bent to the right and left sides and the concave portion are engaged with each protrusion with play.

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Claim 16 (new): The slider for slide fastener provided with an automatic stopper device according to claim 3, wherein a first accommodating portion is provided on an outer side of one of the first holding portions provided in one of the mounting posts on a front portion of the body, a recess for accommodating an end of the pawl member is provided on an inner side of the one mounting post, the first accommodating portion is provided on an outer side of the other one of the first holding portions provided in the other one of the mounting posts on a rear portion of the body, a pawl hole for insertion of a locking pawl is provided on an inner side of the other mounting post, the second holding portions are provided at front and rear ends of an inner face of a top wall of the cover, a second accommodating portion is provided in a proximal portion of each of the second holding portions, the leaf spring is provided between the first and second holding portions and the cover is formed so as to be fixed to the mounting posts.